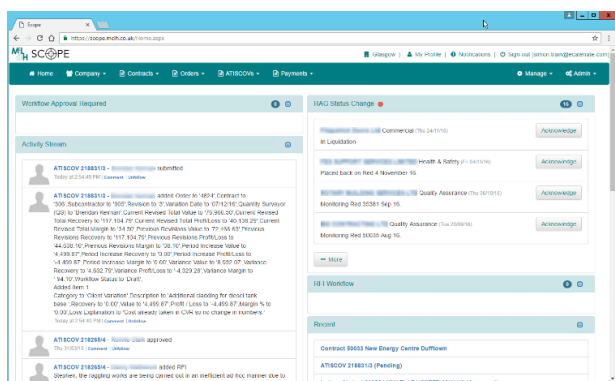# McLaughlin & Harvey Improves Commercial Control and Reduces Risk with SCOPE

McLaughlin & Harvey is a building and civil engineering construction company. The company provides services from the design and construction stage of development right through to civil engineering and facilities management. In 2015 McLaughlin & Harvey's annual turnover was £475m with 768 employees.
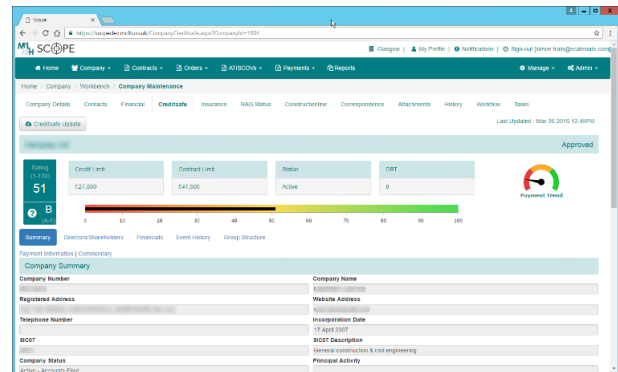
In 2015 Ecatenate was commission to develop a commercial management system called SCOPE. SCOPE integrates subcontractors, contracts, orders, variations and payments into a cohesive commercial management system. SCOPE is currently used by over 700 users across Glasgow and Belfast. The system handles several £million worth of contracts each month and is recognised as a "critical application" in the business.

SCOPE has helped the business reduce the risk of working with subcontractors and suppliers. By integrating external data from third party organisations such as Constructionline, Creditsafe, Companies House and HMRC the system gives a clear and comprehensive picture of a subcontractor's status. SCOPE automatically tracks changes to a subcontractor's credit history and existing health & safety, quality assurance, environmental, company and trading details.

SCOPE has robust and flexible workflow capabilities to handle new subcontractor, contract, order, variation and payment approvals across the organisation. This maximises commercial control and simplifies commercial decisions.

From an IT perspective, the system provides simple and flexible management of hundreds of users who play different roles in the business. Ecatenate developed a "single sign-on" (SSO) capability which integrates ActiveDirectory with application-specific access rights access management.

SCOPE provides document management and task management capabilities to maximise the productivity of everyone working with the system.

SCOPE includes an innovative enterprise social networking system to drive productivity and collaboration across the organisation regardless of role or location. This encourages collaboration on subcontractors, contracts, orders, variations and payments and accelerates business process and knowledge sharing.

SCOPE has a subcontractor onboarding system which streamlines the effort of engaging with new subcontractors. Prospective subcontractors can upload insurance, financial and SHEQ documents for approval in SCOPE's workflow system.

Ecatenate also developed a mobile version of SCOPE, optimised for smart phone and tablet use, that provides access to commercial information on companies, contracts, orders, variations and payments and also allows out-of-office workflow approval.

SCOPE is a web app developed using JavaScript, ASP.NET and SQL Server. The system integrates with Constructionline, Creditsafe, HMRC, COINS, ActiveDirectory and PostcodeAnywhere using API web services.